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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : **Confirmation No. 3062**  
Hiroshi IWAI et al. : Docket No. 2004-0139A  
Serial No. 10/771,392 : Group Art Unit 2821  
Filed February 5, 2004 : Examiner - Not yet assigned  
PORTABLE RADIO COMMUNICATION : **Mail Stop: AMENDMENT**  
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**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached Form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☐ each U.S. Patent and U.S. Patent application publication (*for U.S. National applications filed after June 30, 2003 and International applications that have entered U.S. National Stage after June 30, 2003*),
- ☐ each reference previously cited in the international application PCT/\_\_\_\_\_; and/or
- ☐ each reference previously cited in prior parent application Serial No. \_\_\_\_\_.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, **or**

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

**and thus no certification and/or fee is required.**

- 1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

- (1) ☐ the certification of paragraph 2 below is provided, **or**  
(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

- 1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and  
the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

- a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or  
b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.


3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.

4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☒ a full or partial English language translation submitted herewith, for:
    - 1. Ref. AJ (JP U65-33248);
    - 2. Ref. AL (JP 6-216621); and
    - 3. Ref. AM (JP 9-64778).
  - b. ☐ a foreign patent office search report (in the English language) submitted herewith,
  - c. ☐ the concise explanation contained in the specification of the present application at page,
  - d. ☒ the concise explanation set forth in the attached English language abstracts,
  - e. ☒ the concise explanation set forth below or on a separate sheet attached to the reference:
    - 1. Ref. AA (U.S. 2002/0169010) corresponds to Ref. AG (JP 2002-335180);
    - 2. Ref. AB (U.S. 5,995,052) corresponds to Ref. AI (JP 2202-516503); and
    - 3. Ref. AC (U.S. 5,561,437) corresponds to Ref. AK (JP 8-97622).
5. ☐ A foreign patent office search report citing one or more of the references is enclosed.
6. ☐ Statement Under 37 CFR 1.704(d)

Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign Patent Office in a counterpart application, and this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

Respectfully submitted,

Hiroshi IWAI et al.

By   
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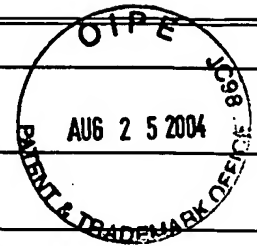
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August 25, 2004

THE COMMISSIONER IS AUTHORIZED  
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FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO: AUGUST 25, 2004

ATTY DOCKET NO.  
2004-0139ASERIAL NO.  
10/771,392APPLICANT  
Hiroshi Iwai et al.FILING DATE  
February 5, 2004GROUP  
2821

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	2002/0169010	11/2002	Shoji et al.			08/2001
	AB	5,995,052	11/1999	Sadler et al.			
	AC	5,561,437	10/1996	Phillips et al.			
	AD						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	AE	2001-156898	06/2001	Japan			Abstract	
	AF	2002-84355	03/2002	Japan			Abstract	
	AG	2002-335180	11/2002	Japan			Abstract	
	AH	2002-299931	10/2002	Japan			Abstract	
	AI	2002-516503	06/2002	Japan			Abstract	
	AJ	64-33248	03/1989	Japan			X	
	AK	8-97622	04/1996	Japan			Abstract	
	AL	6-216621	08/1994	Japan			Partial	
	AM	9-64778	03/1997	Japan			Partial	
	AN	10-84406	03/1998	Japan			Abstract	

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	
	AP	
	AQ	

EXAMINER

DATE CONSIDERED